Previous references.

1905

(illegible)

File No 192-04

Serial Nos. 1-6

Later references

Mil 354-05

GENERAL AND REVENUE SECRETARIAT

Serial Nos. 1 & 6

Part B for March 1905

SUBJECT

Filling in the northern arm of Doddakere tank in Mysore City and reserving a road across it from Ittigegud

	FILE No. MI 192 of 1904-05
	Filling in the northern arm of Doddakere Tank at Mysore and running a road across it from Ittigegud
1	From the Chairman, Mysore City Trust Board, No. 143, dated 10th September 1904. Submits for sanction a modified project amounting to Rs 38,610 for filling in the northern arm of the Doddakere tank at Mysore and constructing a road across it from Ittigegud
2	From the Chairman, Mysore City Trust Board, No. 204, dated 23rd January 1905 Reports that up to date a sum of Rs 4,123 has been spent towards filling in the northern arm of the Doddakere tank and requests that early orders may be passed on Serial No. 1
3	From the Chairman, Mysore City Trust Board, No. 228, dated 24th February 1905. Reports that a further sum of Rs. 763 has been spent since the date of his last report, thus raising the total expenditure to Rs 4,886 up to date against Rs. 10,000, provided in the revised Budget for the work, and requests early orders on the project in question
4	From the Secretary, General and Revenue Department, No 9074-6, dated 31st March 1905 Sanctions the estimate for Rs 38,610 and approves of the Chairman's proposal in the matter
	Endorsement to the Comptroller and the Chief Engineer, No 9074-6, dated 31st March 1905 Forwards copy of the above.

G R S 58

R.S. 11] 1904.05

GENERAL AND REVENUE SECRETARIAT

(Municipal)

NOTES

File No. 192

FILE HEADING.

Filling in of the Northern arm of the Doddakere. Kere in Mysore and running a road across it from Ittegegud.

From The Chairman of the Board of Trustees for the Improvement of the City of Bangalore

No. 143 Dated 10 9 1904 Received 24 9. 1904

Diary No 2020	Enclos. 1 P.N Secretariat file, 1 Ref & plan, 1 Notice & Plan, 1 Copy of Resolution, 1 Precis — Spare Copies	Serial No 1

BRIEF ABSTRACT OF LETTER

Solicits Sanction to the ~~submitted~~ proposals for Rs 38,610 for filling in the Northern Arm of the Doddakere and running a road across it, and states that the subject of keeping the Bannerghatta road tank feeder free from any stagnant water will be considered in detail while handling the No IV Drainage area

NOTES AND ORDERS

A precis of the previous correspondence on the subject in the C & D is enclosed (in copy) the Chairman's letter under reference.

The filling in of the Northern arm of the tank is estimated to cost Rs 20,754, and

NOTES—First sheet

MGCPB—25,000—18-8-04

Serial No.

road the cost of the road is estimated at Rs 11,856. In the current year's budget of the Trust Board, there is a provision of Rs 25,000 for the above works. The Chairman proposes to take up this Branch for filling in the Northern area of the tank and to make the road when extra funds become available.

2. Draft orders sanctioning is submitted for approval or otherwise

7/10/04

7/10

3. Proposal submitted to the Commissioner through the Collector

7/10/1904

4. May be sanctioned. There is very humble objection to a road-cess improvement

12/10/04

12/10

Note—Contin sheet

[S. 12]
General and Revenue Secretariat.

File No 192 of 1904-5

Serial No 2

From the Chairman of the Mysore City Improvement & the Trust Board. No 204 dy 23/1/1905

Requests early Sanction to the project for filling in the Northern arm of the Doddakere tank at Mysore and running a road across it. The expenditure on the work up to date being Rs 4123/ against Rs 10000/ provided in the revised budget for the current official year.

6. The project referred to by the Chairman is before the Dewan to whom it was submitted on the 12th October 1904. Orders may also be submitted in continuation of submitted proposals

HBG 12/1/1905 — HB 2/2/05

7. Yes please show to the Hon'ble Councillor & 4.2.1905

1891 / 4.2.1905

Yes Please submit this to the Dewan for favor of early orders. BL

4619/1.2.05

6.2.1905 — 5/2/05

York—Contra. sheet.

MGOPB—20,000—1-11-04

General and Revenue Secretariat.

Jud File No. 192 of 1904-5

Serial No 3

9 From the Chairman No 228 dy the 24th February 1905

Reports that the expenditure up to date for felling in the Northern area of Doddabetta by Rs 4886 exceeds the provision of Rs 10000 in the revised budget and that sanction may be accorded to the estimate early so that the budget provision may be fully utilized during the year

10. Submitted,

The previous papers on this subject were submitted to the Diwan on the 12th October 1904 & may this also be submitted in continuation of the same

(sd) H R
2 3 1905

11. Yes please

(sd) B K. V
2-3 1905

Submitted to His Highness

12 I have made such alterations in the
line marked in red on the road
to Nagapudur of an avenue
is effected in the Fortwall
and the raising of the
margin of the tank near
Nagapudur are very desirable
improvements —
the raising will all be on
one side of the channel
and that on the side of
Nagapudur. The water
Standing to the East of
the proposed road could
be drained and the earth
excavated to the East of
the present bund and
up to the channel the road
for carting? Earth maybe
added and the bund
high raised maybe reduced
considerably — ^ Alamelu
the Chairman who was in
the car drawn to this
spot. His proposal to
do the raising of the bed fact
first maybe approved —

Record of Case submitted for the orders of His Highness the Maharaja.

D. 21.3.05
N. 702

Subject.

/§ Estimate for the filling in of the Northern arm of Doddakere in Mysore City and for opening a road across the tank.

24.3.05
662

Order.

14 Sanctioned

K.R.W

22/3/05

15. Order issued

23 III 05

16 Space for

XII 76 . 14

R S 12]
General and Revenue
Secretariat

Inl File No 197 of 1904 S

8

Serial No

Issue the draft after comparing it with the Diwan Sahibs' minute to H L
(Sd) B K V
25 3 1905

17 A revised draft order embodying the views of the Diwan as regards the carting of earth is to be submitted for appl
H&K
25 3 1905 Issued
28 3 905

4 To the same, Comptroller and the Chief Engr Mysore, No 9074-6 dy 31 3 06 - Sanctioning the Estimate for Rs 38619/- referred to in Sl no 1

n shee

D2020 Mul. F 192-24 O

R-143
En 5°

Office of the Chairman of the Board of Trustees,
for the Improvements of the City of Mysore
Dated, Mysore 10/20 September 1904.

From

D.Sitaram Rao Esq.,
Chairman of the Board of Trustees,
Mysore City Improvements.

To

B.K.Venkatavarada Iyengar Esq.,
Secretary to the Govt. of H.H. the Maharaja
of Mysore, General & Revenue Departments

Sir,

R' With reference to P.W.D. Secretary's No.793/42-49 dated 19th July 1904, on the orders of the Dewan dated 12th July 1904, on the project for filling in the northern arm of the Doddakere Tank at Mysore, and running a road across it, I have the honor to submit a modified project amounting to Rs.38,610/- for favor of early orders. There is a provision of Rs.25,000/- in the Current years' Budget Estimates of the Mysore City Improvement for this work.

2. The provision now made in the project is, first for reclaiming the marshy portion of the tank to the east of the feeder channel by filling it with earth from R.L.18.00 to R.L.10.50 as shewn on plan and sections, just to the level of the original weir level at the lowest point. This reclamation as admitted on all hands, would greatly improve the sanitary condition of Ittegegode and should be undertaken as early as funds permit. The cost of filling comes up to Rs.20,754/- . It

It is intended to cart the earth from the dismantled houses of No.II Drainage area (Mundy and part of Lashkar Mohallas) and use it for filling the Tank till it gets dry, or it could be drained to admit the excavation of pits.

3. The second item of the project is the opening of a roadway across the tank and amounts to Rs.17,855/-. The proposal is to throw up an embankment 30 feet wide on top and revet it on the main tank side, and with an easy slope on the off side and secure a roadway across the tank at the place shewn on the plan with necessary protective railing. The feeder channel is intended to be maintained by building a culvert across it. The roadway is graded one in thirty down from the bund to R.L.11.50 one foot higher than the old weir level with an assent of one in forty-five to join the Ittegegode southernmost road. The road would certainly add to the convenience of the traffic to Ittegegode, but it could only be fully serviceable when it could be continued on into the Fort. For the present it appears to me advisable to use the current years grant in reclaiming the marshy portion, and make the road when extra funds become available

4. A comparative statement shewing the differences between the original project prepared by Mr,D'Cruz and the revised one now submitted is enclosed for perusal. In the present project easy earthen slopes are proposed to the filling instead of facing it with costly stonework. Stone revetting is considered not necessary. There will then be an excess of Rs.(3494+250)=3744 under earthwork and a savings of Rs.(2,081+1,836)=3,917/- under stonework The laying of another pipe line along the new road way embankment to carry the sewage of Ittegegode into

into the Purchase's drain below the tank is also considered not necessary, as already a pipe connection is made to divert the Ittegegode sewage from entering the tank, and as the lately built open drains will necessitate to be ~~open~~ covered graded ~~also~~. On the whole there arises a savings of Rs.1,728/- on the original estimate.

5. The subject of keeping the Bennahadana-hally feeder free from any stagnant water will be considered in detail while handling No.4 Drainage area of the city, in which it is situated, and for which a scheme is ready for operation when funds become available.

6. I solicit an early sanction to the project to enable me to expend the provision available in the current year's Budget. I submit the original file with a precis of the whole correspondence for perusal. A copy of the resolution of the Board on the subject matter approving the submission of the Estimate prepared is also enclosed.

I have the honor to be,

Sir,

Your most obedient servant,

B.R.

Chairman.

Q.L.F 192-96

Precis of correspondence end-
-ing with P.W.D. Secretary's Memo. No.
793/4249 of 19th July 1904 regarding the
filling in of the Northern Arm of the
Doddakere Tank at Mysore and constructing
a road across it from Ittegegode.

Subject No.346 of Dasara Representative Assembly Proceedings of 1896.

The diversion of the Benna-
-hardanahalli feeder of the Doddakere
Tank which was running through the parts
of the Mysore City in the interests of
Public health, was mooted in the Dasara
Representative Assembly of 1896. The un-
-healthiness of the localities through
which the feeder ran, was largely attribut-
-ed to its existance. The Government re-
-plied that the matter would receive due
attention and that work would be expidit-
-ed by the D.P W., as it was an impro-
-tant one.

A
G.O.No.13847/LF82-95 of 29-6-'97.

In June 1897, Government in the their General Department invited attention of the Chief Engineer to the above and enquired what action had been taken in the matter.

In March 1897 the Sanitary Engineer sub-
-mitted two alternative schemes amounting severally to Rs.12,850/- and Rs.7,470/-
for the improvement of the Doddakere Tank
and was asked by the Chief Engineer to
report how the closure of the Bennahada-
-nahalli had best be effected at once.

B
No.2900 of 1-7-'97.

The Sanitary Engineer Mr.Stan-
-dish Lee prepared under the Dewan's

Dewan's orders a project for Rs.7,890/- for reclaiming 93 acres of the water spread of the Doddakere tank and plant- the same with Eucalyptus, the growth of which is supposed to prevent Malaria. The Chief Engineer recommended the pro- ject in his note dated 2nd July '97 to the Dewan and requested him to pass early orders on that project so that the refe- -rence from the General Secretary regard- -ing the closing of the Bennahadanahalli feeder might be taken up as the latter work depended on the sanction of the for- -er.

C

Dated 2-7-'97 to the Dewan.

In reply to Chief Engineer's docket No.2900 of 1st July 1897, enquir- -ing as to how best the closure of the feeder might be effected, the Sanitary Engineer reported that if the Government thought, that, under the altered condi- -tions of water supply of Mysore, it was not necessary to maintain water in Dodda -kere tank at Kodi level, the vents at the head sluice at Bennahadanahalli could be built up and the bund cut down to fill up the channel for the distance it passes through the crowded parts of the City, while it might be left as it stood outside the inhabited area. He also suggested that to fill in the portion at the tank end from Chamaraj road to Dodda -kere, Nanjungode Railway spoil at the Yelwal road might be utilised. He furthe- stated that, should the water in Doddakere be found very low, on the above feeder being cut off, it can be supplied from

D

No2193/449 of 12-7-'97.

from the Karangi Tank which has no demand on it.

The President of the Mysore City Municipality addressed the General & Revenue Secretary to issue necessary orders for filling up the Doddakere feed--er by the Sanitary Department owing to the Insanitary state of the feeder and the P W.D. Secretary was asked to report what further action was then feasible by the Sanitary Department

E
O.No.4862-3 of 15-10'97.

In his letter No 711-14/5276-7 of 23rd October 1897 the Chief Engineer and P W Secretary informed the President of the Mysore Municipality that at the Dasara Assembly of 1896 the Dewan passed orders that the feeder might be breached at some suitable spot and that the P W D Secretary presumed that the work can be done by the Municipality without the in--tervention of the P W D He further stat--ed that the feeder might be filled up and reclaimed by degrees by the Municip--pality all of which, he thought, was a Municipal work.

F
O. No 4971-2
of 5-11-97

The above action of the P W D Secretary was communicated to General Secretary

Sir Sheshadri Iyer passed the the following orders on the above questions "The proposed reclamation of 93 acres of the bed and planting the same with suit--able trees is calculated to improve the sanitation of Mysore, but before sanction--ing the project it is desirable to con--sult the Sanitary Commissioner It will

will be necessary to be quite certain that the portion of the bed to be re-claimed does not in the process of dry-ing injure the health of the neighbour-hood as was suspected to have happened when a similiar process was attempted with the lake at Ooty some years ago. A number of drains through the portion to be reclaimed to the reduced water spread may accelerate the process of dry-ing. As H.H. the Maharaja's residence is so near the tank it is necessary to use every possible care. The sanitary Commissioner as Senior Surgeon should consult the Durbar Surgeon, who is in special charge of His Highness. If there is any doubt let us abandon the proposal.

II. The thoughtless will of course complain of the reduction, but if we are satisfied that the reduction will improve the health of the City it is our duty to carry it out.

III. In any case why attempt to reduce the Kodi? Bennahalli is al-ready breached. Let us not repair it, but leave the Doddakere Kodi as it is, as with the remaining catchment the tank will scarcely fill beyond Mr.Lee's reduced water spread of 67 acres. If it does not, we may think of reducing the Kodi level.

IV. No compensation is re-quired for lands under the tank.

V. How will you supply the Palace menagerie, if you take out the Karangee pipe line.

VI The relative advantages of

9

of feeding from Kukarahalli or Karangee should be further studied.

VII. Orders should issue for filling up of the Bennahardanahalli feeder, East Fort ditch &c., all very necessary for completion of the Improvement we have been carrying on now for several years in the City.

VIII. Please get the views of the Sanitary Commissioner along with those of the Durbar Surgeon and send the file back to me with your own opinion on the Sanitary question and your proposals on the points referred to in paras 3,5,6 &7 above.

G

Initialled. K.S.
1-12-97.

In reply to P.W.D. Secretary's No. 929-30 of 10th December 1897 the Sanitary Commissioner reported in his No.1838 of 4-12-'97 and 1888 of 16-12-97 that as regards the rate at which the lowering of the water level of the Doddakere should be carried out, the work should be deferred until after the departure of H.H. the Maharaja. It might be lowered 2½ feet as quickly as possible that the area of tank should be curtailed and a bund raised to prevent its spreading over a large surface. He also submitted other proposals directly connected with the main question, such as the realignment of the houses in the village Ittegegode, the diversion of the surplus sullage from the village by constructing a

for diverting the feeder and the other for the drainage of that part of the City prepared by the Sanitary Engineer so far back as 1890, were pending before Govt. Owing to financial difficulties, it was requested that Govt. might be moved for carrying out the work out of the Sanitary Budget as it would be an everlasting boon to the inhabitants of the City.

In accordance of para VII of Sir Seshadri Iyer's note of 1-12-97 Mr. Standish Lee submitted for sanction, with his No.84/19 of 15-1-'98 an estimate amounting to Rs.7,000/- for filling up the Bennahardanahalli feeder and filling the Fort ditch, with a report which was submitted to the Dewan with P.W.D.Secy's note dated 4-2-'98.

The Offg. Dewan Mr.Thumbu Chetty ordered that provision for both the works may be made in the final Sanitary Works Budget as proposed by the P.W.D. Secy. in the above note.

This project together with the one for filling up the East Fort ditch was forwarded to Mr.McHutchin to consider and report if they could not be executed by Mr.Raghavalu Naidu as the works lay round about the Fort.

In reply Mr.McHutchin's note of 14-2-'98 stated that he was not in a position to criticise the proposals in detail without a proper Survey plan but that the filling provided for seemed as though insufficient, the position and size of the drain to be built not being given at each cross section. There was no

no earth available from the Palace to fill in the Channel almost of it was required to fill the basement of the Palace itself. It was doubtful if Mr.Lee had calculated the large quantity of discharge to be got rid of the surface drainage(exclusive of sewage). He further stated that the remedy was worse than the disease and it would probably be better to convert this feeder into a properly designed drain to get rid of all surface drainage of the area commanded, instead of filling it in.

The project with the above note was sent back to Mr,Lee that he might go through it again, elucidate or revise it so that the Palace Division might be in a position to carry out the work without mistake. It was subsequently decided that this work should be carried out by the Sanitary Engineer.

L
Chief Engineer's No. 1556-7 of 16-8-'98.

Meanwhile the Gl.&Rev. Secretary enquired with reference to the above project for Rs.7000/- for filling up the feeder as to the nature of work intended to be done and as to whether it provided also for a drain to carry off sewage and storm water. This having been forwarded to the Sanitary Engineer for furnishing the information asked for, he reported that a ditch with revetted sides had been provided for the flood water and that the sewage would be carried away by the main pipe drain, estimate for which was submitted for sanction in October 1897. and this was communicated to the General Secretary with the remark that the

M
No.10712/LF192-'93 of 3-8-'98.

N
Sanitary Engineer's No.693 of 15-8-'98.

O
Chief Engineer's No. 1692 of 22-8-'98.

the project under reference had been re-
-turned sanctioned to the Sanitary En-
-gineer for execution who would see to
to the proper drainage of the locality as
the work progresses. In his No.703/158
of 18-3-'98 Mr.Lee requested permission
to start the work at once as there were
only three months remaining in the Of-
-ficial year and stated that the work
might be given to contractor Fathe
Khan Sab at estimate rates(which were low)
so that the work might be pushed on with
-out the delay of calling for tenders.

With reference to paras III,V,
VI & Vii of Sir Sheshadri Iyer's orders
dated 1-12-'97 the Sanitary Engineer, to
whom the matter was referred, stated, that
the tank might not fill more than the
reduced water spread of 67 acres after
the closing of the Bennahardanahalli
feeder in years of ordinary rain fall.
It is sure to exceed that limit in years
of Maximum and unexpected rainfall be-
-cause it was proposed to supplement the
supply from local drainage by feeding
from Kukarahalli and therefore at no
period would the water level would fall
very low, while any unusally heavy fall
of rain would make it overflow and cause
damage to its own surroundings and the
proposed Eucalyptus plantation and if it
was considered until further experience
undesirable to demolish the tank Kody, a
substantial piece of work, a Bye pass
could be made by removing the Bund (which
was low) beyond the Kody so that the wat-
-ight not rise higher than the fixed lev

level. In regard to para V of Dewan's note of 1-12-'97 the Sanitary Engineer states that the Menagerie has two fountains fed by the Cauvery system of pipes and the 7 ponds are filled from the Karanji tank by a 1" tap. If a masonery cistern is built instead of the ponds a supply could be given from the Cauvery system at night.

Regarding para VI of the Dewan's note Mr. Lee states that the tank might be fed from Karangi as the line of pipes from it passes close to the bed of Doddakere and as this might be kept constantly open to maintain the level of the water in Doddakere at the reduced area.

P.W.D. Secy's note of 21st April 1898 the results of further investigations ordered by the Dewan on 1-12-97, in connection with a project for Rs. 7890 for reducing the water spread of Doddakere with the Sanitary Commissioner's opinion &c., were submitted with the remark that the water level had already gone down lower than 8½ feet, referred to by Col. Benson, that the process of drying could be allowed to continue, the process being accelerated if necessary, by cutting a number of trenches through the lime to be reclaimed as suggested in the Dewan's note; and that the Chief Engineer concurred in the views expressed by Mr. Lee on the cutting of a Bye-pass instead of lowering the wier &c.

On the 21st July 1898 the Dewan passed orders to the effect that

that the above proposals might be carried out with the exception of supplying the Menagerie with Cauvery water and feeding the Doddakere from Karanji but ordered that these might be kept in abeyance till a report called for from the Deputy Commissioner regarding certain details connected with Bennahardanahalli feeder and the description, extent, and assessment of lands directly irrigated from Doddakere if any, is received

Note

(The Deputy Commissioner's letter referred to in the Dewan's (Sir Sheshadri Iyer's) note of 4th October of 1898 is not forthcoming in the accompanying file of papers. From a note made therein by the Dewan it seems that he has passed some orders on the Deputy Commissioner's letter to which he draws attention and states that he would not take any action on the lines suggested by him in his note of 21st July 1898 as per para above.

Subsequent correspondence till the end of December is also missing.)

In January 1901 Mr. Standish Lee submitted a project for Rs. 9,455/- for the restoration of the Bennahaddanahalli feeder the same having been personally ordered by the Offg: Dewan (Mr. Thumbu Chetty) to be carried out at once, the Maharanee Regent having expressed her desire to have the feeder restored to its former condition, as she noticed the tank dry and observed that this sheet of water was a principal factor in the picturesque appearance of Mysore. The Sanitary Engineer in his report accompanying the above project attributed the dry condition of the tank firstly to the uncontrolled waste of water through its sluice and secondly to

to the failure of rains and suggested that if the use of water from the tank was duly controlled by the tank being placed under the charge of the Municipality and its water spread reduced, the ornamental portion of the tank would still be retained, the health of the town improved and the proposed expenditure in undoing what had already been done, avoided. (Vide pencil note on Sanitary Engineer's No. 189/44 of 11-1-'01).

R

The project was submitted to the Offg Dewan on 21-1-'01 for orders after consideration of the suggestions made by the Sanitary Superintending Engineer the adoption of which would seem advisable in view of avoiding the proposed expenditure in undoing what was previously carried out at an outlay of Rs 7000/-

The Officiating Dewan ordered that there being no provision in the current years Sanitary Budget, it must wait till funds were available

S

T

In his No 605 of 5-3-'01 the President of City Municipal Board represented to the General Secretary the great difficulty experienced in the City for want of water, all the tanks of the City having dried up and the Cauvery water not being sufficient to meet the demand If from unforeseen circumstances the turbines at Belagola fail to work, there would hardly be water in the City for even domestic purposes

purposes. The difficulty for water had increased since the filling of the Benna-hardanahalli feeder to Doddakere, the chief source of water for bathing and washing purposes. The feeder was filled up on the ground of insanitation. The sewage water of the southern and western portions of the City was allowed to run into the Bennahardanahalli feeder channel before laying sewage pipes and consequentky the whole channel was in a very insanitary state. Now that the drainage of the above mentioned portions have been completed and the sewage water allowed to discharge into the Purniah's Nalla near Pakhana and thus there was no danger in restoring the feeder. Last year (1900) when the same difficulty for water was experienced the Plague Commissioner ordered the restoration of the feeder at once and work was started but it was stopped all of a sudden.

Chief Engineer's letter 2057 of 11-4-'01.

The Municipal President's letter referred to above was forwarded to the P.W.D Secry. with a request that the work might be treated as one of special urgency and put in hand without further loss of time.

G.O.No 12928/LF92-95 of 1-4-'01.

P.W.D.Secy's No.1944 of 2-4-'01.

This was forwarded to Mr.Lee for immediate execution and the plans & estimates were resubmitted to the Offg: Chief Engineer for formal sanction (vide Sany. Engr's. No.985/219 of 3-4-'01).

Chief Engineer's No.2057 of 11-4-'01.

With reference to the above the Sany.Engr. was asked to send a Survey plan to illustrate what was intended to be done, not to put in hand the new

new masonery works as proposed until the proposals has been thoroughly examined by the Chief Engineer's Office, and not to carry out the proposed regulating sluice.

The project was returned for elucidation of certain points raised in the above and ordered to stop all works excepting what was necessary to restore the feeder to its original state previous to its abandonment.

Chief Engineer's No.2571 of 8-5-'01. 8-5-'01.

Mr.D.Runga Rao was asked on 8th May 1901 to report as to what was being done to restore the Bennahardanahalli feeder to its original state and

Sany.Engr's No.1211/254 of

he replied that the project prepared in 1891 by the Channel Division for the restoration of this work beyond the Municipal limits was being traced and that all masonery works stopped as ordered. Mr.Ranga Rao was informed that the Chief Engineer never ordered the culverts under the several roads to be stopped but only the extra masonery works provided in the estimate which were not in existance on the old channel. He was also informed that work to restore channel to its original state (i.e. previous to its abandonement) should be proceeded with.

In a D.O. dated 31st May 1901 the Dewan(Sir P.N.Krishna Murti) wished that something should be done to Doddakere so that water might stand in it and at the same time care should be taken to remove all risk of the houses along the side of the feeder channel being either overflown or rendered damp and

and unhealthy.

P.W.D.Secy's No.2969 f 1-6-'01.

On receipt of the above Mr,Runga Rao was asked to report when the necessary data will be available for the proposed restoration of the Bennahadanahalli feeder to the Doddakere.

What had been done was reported to the Dewan in a D.O. by the Chief Engineer dated 1-6-'01 stating that the work would be sanctioned on receipt of reliable data as to what should be done.

The Dewan wished that Mr.Runga Rao should be put on this work solely as the Offg.Chief Engineer thought (as expressed in his D.O. of 5-6-'01) that Mr Runga Rao's removal would lead to confusion, he proposed to entrust Mr.Mahadeva Sastry who had returned from leave and issued orders accordingly to hand over all the works in connection with th feeders to the Doddakere to Mr.Mahadeva Sastry.

Chief Engineer's No8064 of 8th June 1901.

The Dewan having been informed of the above arrangement in Chief Engineer's note of 5-6-'01 thought that nothing but the water from the direction of Bennahadanahalli feeder or training bund would satisfy the public expectations and that he felt himself depressed to see Doddakere without water except the little it got from Kukarahalli though the rains had been heavy. He requested Mr.McHutchin to take up the work himself and do what was possible under the circumstances.

Dewan's D.O.of 11-10-'01.

The P.W.D. Secy. having col

collected sufficient data to enable him to arrive at general conclusions as to the desirability of restoring the Benna-hardanahally feeder to Doddakere discus-sed at length the various catchment areas draining directly into the tank and sub-mitted an estimate to carry out the re-quired works at a cost of Rs.5,154/- to divert the Sivarampet catchment into the Doddakere and wished to finish that work before September 1901.

Note.(Executive Engineer's letter refer-red to in the above note with certain original papers relating thereto is not in the file)

The Superintending Engineer, Western Circle, was ordered to carry out the necessary works to divert the Goblikatte catchment into Doddakere and to improve and clear out the feeders from Lashkar Mohalla and Govt House catch-ments which would cost only a small sum In the above note by Mr McHutchin he pro-mised that the restoration of the Benna-hardanahalli feeder would form the sub-ject of a separate note to the Dewan

The Dewan confirming the verbal sanction which he had already given for doing the work referred to in the above note stated that the filling of Dodda-kere with water had been urged upon Govt and the necessity for it was exem-plified when on account of some diffi-culty with turbines the supply of Cauve-ry water to the City had stopped or be-come very small There was no water ab-solutely for any purpose and many po

21

Secy 20537 & 16
4553

201

thought that the Cholera then prevailing was due to want of facilities for bath-ing and washing purposes owing to which the stand pipes were frequently utilised The bringing in and storing water was therefore considered by the Dewan an absolute necessity. He thought that the most plentiful supply to Doddakere must come from Bennahardanahalli feeder but the investigation so far made by the D P W seemed to shew that the supply from that source was not only scanty but very inconvenient as Bennahardanahalli tank itself was of small capacity its catchment area not being much He found a good deal of work had been done in connection with the Bennahardanahalli feeder while working along the channel The Dewan ordered that before considering other sources that had been investigated action might be taken to have the estimates for diverting the sewage water from coming into Dodda-kere, brought up for sanction at an early date The small work necessary to bring back the Goblikatte tank to Dodda-kere was also ordered to be carried out He observed that there was a difference of nearly 50 feet between the sluice level of Kukaranalli tank and Doddakere near where the Bennahardananalli feeder entered the tank, and thought it must be quite feasible to fill the Doddakere tank with that water even when Kukaranalli tank did not discharge over the weir He wished that this point should be investigated

W Secy's No 587 3-16
4553
Aug 1901

While communicating the sanction for the estimate of Rs.5,154/- for works referred to in para of the Dewan's note of 12th August 1901 the P.W.D.Secy. asked the superintending Engineer Mr.Nagavkar to report at once exactly what had been done with the works relating to the Bennahardanahalli tank feeder which he had ordered to be stopped but which was observed by the Dewan that a good deal of work had been done to it.

Note:- The Superintending Engineer's reply is not in the file.

Mr.McHutchin as Superintending Engineer submitted an office note to the Chief Engineer and P.W.D.Secy. in which he discussed at great length the rainfall and the probable minimum supply to the tank in a year of very different rain fall such as was experienced in 1899&1900 and stated in para III of his note that the real question to be decided was as to the necessity of restoring the Bennahardanahalli feeder, or whether the tank could be filled by adding the area commanded by this feeder to the catchment area of the tank in years of short rainfall. He recommended that the catchment areas added in 1901 to the tank 1522 acres be maintained as the source of supply and that the town ares not already supplied with pipe sewers be at once provided with them. He also suggested that if it was considered necessary regulating gates could be provided for the first flow from showers entering the tank but that as soon as the streets and house areas have

have thus been cleansed, the water could be allowed to enter into the tank.

N'
P.W.Secy's note of 7-11-01 to the Dewan.

Col.McNiel Campbell P.W.Secy. thought it would be a pity to restore the Bennahardanahalli feeder if it can be avoided as it was ordered to be ab-ed on sanitary grounds and approv-ed of Mr.McHutchin's proposals contain-ed in paras III & IV of his note of 31st October 1901.

N'
Dewan's order dated 20-7-02

The Dewan ordered that the sug-gestions made by Mr,McHutchin in his note of 31-10-'01 require early attention Viz (1) Town areas not already supplied with pipe sewers be at once provided with them,
and (2) Regulating gates to prevent the first flow from showers entering the tank

This was communicated to the Superintending Engineer, Western Circle in P.W.Secy's No.770/4208 of 22-7-02 who submitted two estimates amounting to Rs. 1,61,195/- and Rs.6,653/- prepared in ac-cordance with Chief Engineer's detailed instructions in para 3 & 4 of the Chief Engineer's note of 31-10-'01 for the for-mation of a Honda in the bed of the Dod-dakere and for the construction of a Regulator at the mouth of the Bennaharda-halli feeder and diversion of sewage of Magid Road, Santhapet and Karohatte road surroundings from the above feeder.

Note:- Further correspondence relating to the estimates prepared by the Execu-tive Engineer (Mr.Krishna Iyengar) is not in the file.

Lastly the P.W.Secy. forward-ed for sanction plans & estimates for

for Rs.57,190/- for filling in the north ern arm of the Doddakere and for construct -ing a road across it from Ittegegode which would eventually be extended into the Fort. He said that the filling of this swampy ground was most desirable and proposed to cut down the weir of the Doddakere permanently to R.L.47.00 to which level only the tank was likely to fill in average or fairly good years of rain fall. This level was fixed by him for the reason that, if adhered to the present Kody level, the sub soil of the lower parts of the Krishnaraja Mohalla would always be water logged if the tank above R.L.47.00. This he thought was of great importance to avoid. He further stated that the filling of the northern arm of the tank might be started as soon as the water went down sufficiently next hot weather & suggested that the work can be paid out of the allotment provided for the Mysore City Improvements if it was considered that it might be included in the Improvement scheme.

Dewan's note of 28-11-'08.

The Dewan while submitting the above note of the P.W.Secy. to His High- -ness the Maharaja stated that he was not impressed with the necessity of low- -ering of the Doddakere weir from a Sani- -tary point of view and that the measure would be very unpopular. He did not doubt the desirability of raising the level of the tank close to Ittegegode and of open -ing a road across it from Fort and said that these improvements may be carried out by the Town Improvement Committee if

25

if approved by His Highness stating, however that they should lie over for want of funds.

P'

H.H. the Maharaja's order of 1-12-'03.

His Highness the Maharaja passed the following order:-

"I consider the proposal for the new road "to Ittegegode a good one. But I should "like the filling of the arm of the tank "to be restricted to the portion to the "east of the proposed channel, the western "portion being left as it is and a water "way provided under the road.

"As regards the proposed lowering of the "Kody I shall be glad if Mr McHutchin will " have the area of the water surface as "reduced by his proposal flagged for my "inspection on my return to Mysore. I "shall then be in a position to pass "orders. I do not see why the matter "should not be handed over to the Trust "for execution as funds permit.

"The Improvement Committee need not be "consulted.

Initialled.K.R.W.
1-12-1908.

P.W.Secy's No.1327/6854 of 9-12-04.

The Assistant Engineer in charge of Mysore City Improvement Range (Mr,D'Cruz) was directed to modify the project for Rs.57,190/- in accordance with His High-ness' commands, and to have the area of the water surface reduced permanently to R.L.47.00 by Mr.McHutchin's proposals, flagged for His Highness' inspection on his return to Mysore.

In respons to the above Executive

Executive Engineer, City Improvements Division Mr,D'Cruz submitted modified es-timates amounting to Rs.40,338/- for the above work and stated that there was no necessity to flag the contour as the water spread was at R.L.47.00 on the 28th February 1904, when his Highness inspec-ted it and approved to the full tank level 50.00 being reduced to R.L.47.00 He further stated that as the filling of the northern arm to the west of the chan-nel was not to be done, the bund of the Channel on the West, had been removed. The modified estimates which passed through this office to the P.W.Secy. were not scrutinised in this office but included other items referred to in the abstract in connection with the construction of the proposed road and culvert, the laying of stoneware sewage pipes with man holes and railing the sides of the road.

Chairman's No.257 of 22-3-'04.

The P.W.Secy. referring to the orders passed by H.H. the Maharaja on 1-12-'03 suggested that the project should form a part of the scheme of general Im-provements proposed for the Mysore City and might be forwarded to the Chairman of the Board of Trustees for execution as funds permit with a request that the permanent lowering of the Doddakere weir to R.L.47.00 should be at once carried out for which a lump sum provision of Rs.200/- was made in the estimate.

The Dewan directed that the project with papers connected therewith should be sent to the Chairman of the Trust

Trust Board. Regarding the lowering of the Doddakere Kody the reasons did not appear to him conclusive as water stood to a level of a foot and half less than the weir level, no ill effects having been observed. The slope of the Bennahardan-halli feeder had been reversed and it was not clear whether any water still stood there. He ordered that the question should be considered by the Improvement Committee and the result reported and that the other parts of the project would be carried out as funds become available

The P.W.Secy. in forwarding the project and other papers relating to the file of correspondence stated with reference to Dewans remark regarding the lowering of the weir that there was not the least doubt that it was desirable, if not absolutely necessary. The levels had been most carefully considered by which Mr.D'Cruz would explain to the Chairman. He said that portions of the town would be waterlogged when the Doddakere weirs discharge. It is also stated by Mr.McHutchy that H.H. the Maharaja has approved of the lowering of the Kody after personally going over the ground with Mr.D'Cruz.

B.R.

Secretary
Chairman
20 9-26

A Contract estimate for Track and masonry
a road across it.

Item	Roadway embankment		Total	
	Quantity	Cost	Quantity	Cost
Earthwork filling			69.846	1964.3
Earthwork for roadway	2050	576.6	2050	576.6
Turfing	254	127	499	258
New stone work for	1728	3888	1728	3888
Railing the ends of road two rows of 1" galvan	2004	3006	2004	3006
Metalling the roadway	467	817	467	817
Gravelling Do	583	583	583	583.
Earthwork excavat	193	30	193	30.
Filling in foundation	2607	611	2607	611
Burnt brick in machi	7504	1524	7504	1524.
Machine ground brick	35.72	107	35.72	107
Burnt stone class me	987	493	987	493
Cornice below parap	48	24	48	24.
Rough stone in C	240	30	240	30
	66		17006	36772
	38		850	1838
	72		17856	38,610

Sd D Robertson Pro
Chairman
16-9-04

Abstract estimate of the probable cost of [illegible]
a road across it.

No	Items of work
1	Earthwork filling for balanning muddy portion of road
2	Earthwork for roadway embankment including excavation
3	Turfing
4	Rubble stone work for road with steps
5	Facing the sides of roadway with burnt stone clubs from two rows of 1" galvanized iron pipe (Note to be 10'
6	Metalling the roadway including cartage and consolidating
7	Gravelling Do Do Do
8	Earthwork Excavation for drains
9	Filling in foundation with machine ground and [illegible]
10	Burnt brick in machine ground lime mortar
11	Machine ground lime mortar pluttering
12	Burnt stone clubs neatly dressed set in mortar 6"
13	Coping below parapets
14	Rough stone in Concrete

Contd.

the northern arm of the Dobbinsville Tank and Reservoir

	Per	Rate			Tank filling		Roadway excavation		Total	
		No	a	b	Quantity	Cost	Quantity	Cost	Quantity	Cost
Carting	Cyd	-	4	6	69.846	1963			69.846	1963
Stage	Cyd	-	4	6	-	-	20.580	5766	20.580	5766
	Sqre	-	8	-	245	123	254	127	499	250
	Cyd	2	4	-	-	-	1728	3888	1728	3888
measuring										
"	Rft	1	8	-	-		2004	3006	2004	3006
"	Cyd	1	12	-	-		467	817	467	817
	Cyd	1	-	-	-	-	583	583	583	583
	Cyd	-	2	6	-	-	193	30	193	30.
for Concrete	Cft	-	3	9	-		2607	611	2607	611
	Cft	-	3	3	-	-	7504	1524	7504	1524.
	Sqre	3	-	-	-		35.72	107	35.72	107
	Sft	-	8	-	-		987	493	987	493.
	Rft	-	8	-	-		48	24	48	24.
	Cft	-	2	-	-		240	30	240	30
Total	Rs					19766		17006		36772
@ 5 per cent						988		850		1838
Total	Rs					20754		17856		38,610

Sd/ D Subramanya Rao
Chairman
16-9-04

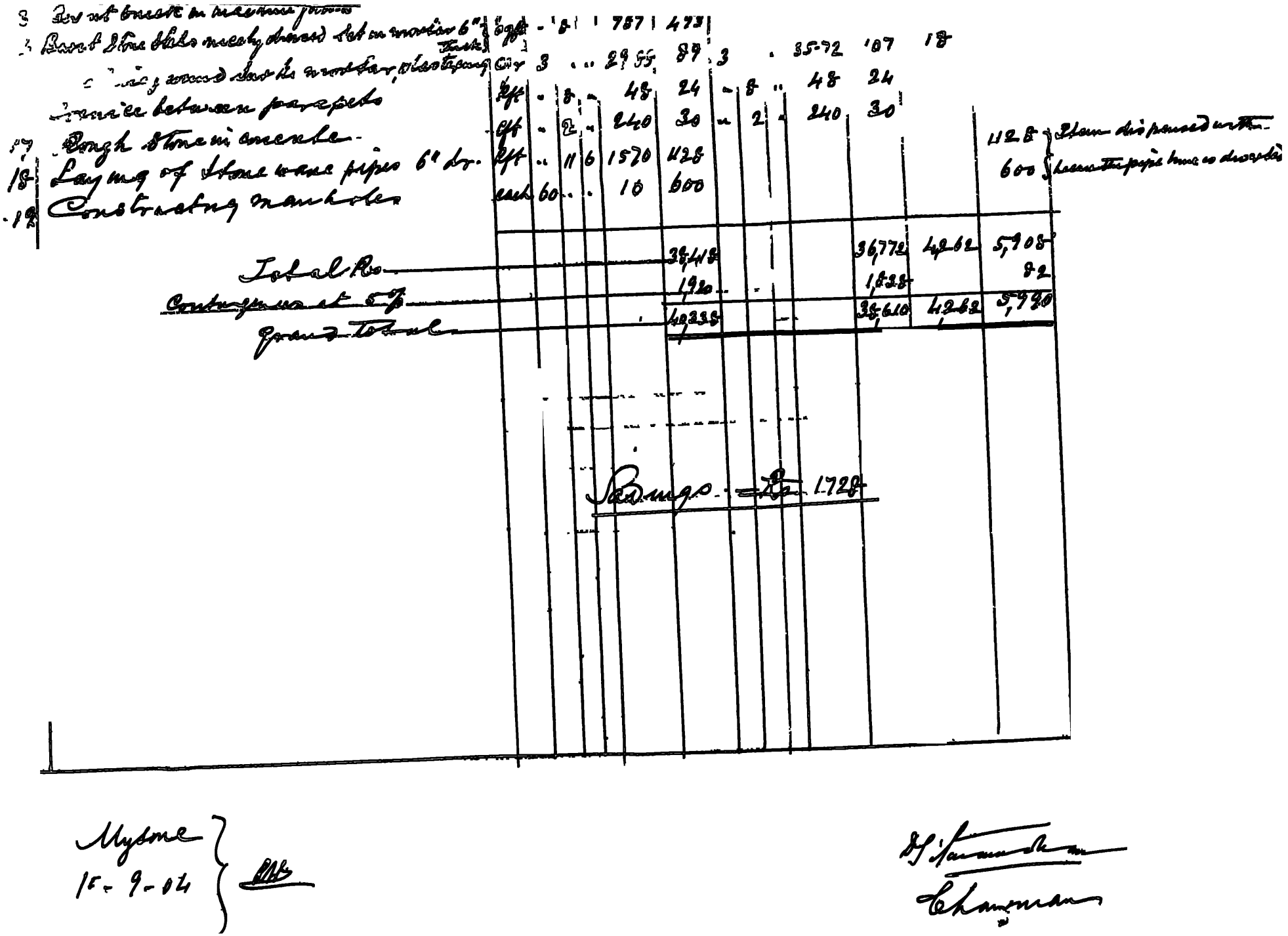
Sd/ [illegible]

Comparative Statement showing the difference between the Modified and the revised Estimates of filling in the Northern arm of the Old Lake Tank and running a road across it

	Items of work	Rs	Appr. modified Estimate			Dopt revised Estimate			More	Less	Remarks
			Lake	2	C	Lake	2	C			
1	Earthwork filling watering & Tamping	Cyds	-- 4	6 77922	21915	--	--	--	--	--	--
2	Earthwork filling for reclaiming marshy portion including cartage	Cyds	--	--	--	--	4 6	69844	19643		
3	Earthwork for roadway Embankment including Excavation and cartage	Cyds	--	--	--	--	4 6	20580	5766	3494	-- Excess is due to increase in lifts
4	Turfing	Sqy	--	--	--	--	8	499	250	250	New item

Mysore
15-9-04

D. J. Stanley


Rubble masonry in cement mortar
Brick on edge flat laid in cement mortar 6" thick
Brick on edge sloped laid in cement mortar 6" thick
Brick between parapets
Rough Stone in concrete
Laying of stone ware pipes 6" dr.
Constructing manholes
Total Rs
Contingencies @ 3%
Grand Total
Rs 1728
Mysore
15-9-04
Chairman

Comparative Statement showing the difference between the modified and the revised Estimates of filling in the Northern arm of the Doddabetta Tank and running a road across it

Items of work	Rs	As per modified Estimate			As per revised Estimate			Increase	Decrease	Remarks
		Rate	2	C	Rate	2	C			
1 Earthwork filling watering & Tamping	Cyds	-- 4 6	77922	21918	..					
2 Earthwork filling for reclaiming marshy portion including cartage	Cyds	.. .. ..	.....	.....	-- 4 6	69844	19643			
3 Earthwork for roadway Embankment including Excavation and cartage	Cyds	.. .. ..	..	..	.. 4 6	20580	5766	3494	..	Excess is due to increase in lift
-					.. 8	499	260	260		New item
4 Turfing	sqyr	.. .. ..							2081	As per requirements
5 New stone work for roadway with stepping	Cyds	2 4 -	2653	5969	2 4 ..	1728	3888			
6 New stone work for tank bund at eastern side where filling as is proposed	Cyds	1 12 ..	1049	1836	.. .. ..	..	..		1836	Item dispensed with
	Rft	1 8 ..	2046	3069	1 8 ..	2004	3006		63	
7 Raising the sides of the roadway etc										
8 Metalling the roadway including Casting & Consolidating	Cyds	1 12 ..	467	817	1 12 ..	467	817		..	
	Cyds	1 0 0	583	583	1	583	583			
9 Gravelling									200	Lowering body is cancelled
10 Dismantling & repairing the present body with required Materials	L.S			200	..					
Earthwork Excavation for tunnel	Cyds	.. 2 6	193	30	.. 2 6	193	30			Excess is due to correct Rate
Earthwork Excavation in ordinary ground and Hard rock in Cutting	Cft	.. 2 6	2629	411	.. 3 9	2607	611	200		Excess is due to increase in height
					.. ..	7546	15224	300		

Dated 1904 (2)

D4904

30

Office of the Chairman of the Board of Trustees,
for the Improvements of the City of Mysore.

Dated, Mysore, 23rd January 1905.

No 204

From

D.Siddarama Rao Esq.,
Chairman of the Board of Trustees,
Mysore City Improvements.

To

B.K.Venkatavaradā Iyengar Esq.,
Secretary to the Govt. of H.H. the Maharaja of
Mysore, General and Revenue Departments.

Sir,

D 7030

In inviting your attention to this office No.143 dated 10th September 1904 submitting a modified project amounting to Rs.38,610/- for filling in the Northern arm of the Dodda-kere tank at Mysore and running a road across it, I have the honor to report that up to date an expenditure of Rs.4,155/- has been incurred, and to request you to be so good as to obtain the early orders of Government on the subject as a sum of Rs.10,000/- has been provided in the current year's Revised Budget, which is intended to be spent on the work in question before the close of the official year.

I have the honor to be,

Sir,

Your most obedient servant,

D Siddarama Rao

Chairman.

B.R.

Ebf

IV 1905 1234 5951

1905

From The Chairman of the Municipal Council of the Mangalore City &c.

To The Secretary to the Govt of H.H. the Maharaja of Cochin, Ernakulam

Dated 23rd January 1905

Despatched

Received

General No 204

No

Enclosure No

Submitting a report stating that a sum of Rs 4123 has been spent towards the filling in of the Northern arm of the Doddakere tank, and requesting that early sanction for the subject may be obtained

D 5426 Gul F. 152-4 (3) 31

OFFICE OF THE CHAIRMAN OF THE BOARD OF T
FOR THE IMPROVEMENTS OF THE CITY OF M

No 228

Mysore, Dated 24th February 1905.

FROM

D.Sitarama Rao Esq.,
Chairman of the Board of Trustees,
Mysore City Improvements.

To

B.K.Venkatavarada Iyengar Esq.,
Secretary to the Govt. of H.H. the Maharaja of
Mysore, General and Revenue Departments.

Sir,

In continuation of my letter No.204 of the 23rd Instant Ultimo, requesting the early sanction of Government for the modified project amounting to Rs.38,610 for filling in the northern arm of Dodkere Tank at Mysore, and running a road across it, I have the honor to report that a further sum of Rs.768/- has been spent since the date of my last report, thus making up a total expenditure of Rs.4,886/- up to date against a sum of Rs.10,000/- provided in the Revised Budget for the work. I therefore request the favor of early orders on the subject to enable me to work up the balance of allotment during the remaining months of the Official year.

I have the honor to be,

Sir,

Your most obedient servant,

D. Sitarama Rao

Chairman.

B.R.

Ed

G.R.S 28]

File No. 192-04
Serial No. 4

Diary No of letter replied to 2020

GENERAL AND REVENUE SECRETARIAT
Bangalore

the 190

Date of issue 31/3/05

Signed by Mr H Ramaiya

Proceedings of the Government of His Highness the Maharaja of Mysore.

READ —

Letter No 143 dated the 10th September 1904 from the Chairman of the Board of Trustees for the Improvement of the Lake of Nagara Ashanattung for Sanction to an estimate for Rs 38,611 for the filling in of the Northern arm of the Dodalakere in Nagara at a cost of Rs 20,754/ and running a road across it from Attegeri at a cost of Rs 17,856/, and stating that the provision of Rs 25,000/ made for the above works in the current year's budget of the Trust Board

over

SUBJECT

Sanctioning the estimate for Rs 38,611- for filling in the Northern arm of the Dodalakere Tank in Nagara and approval of the Chairman's proposal in the matter.

will be utilized towards the
fresh part of the project and
that the said ~~project~~ road
will be formed when funds be-
come available

~~Remarks~~

23. Letters Nos 2044 dy the 23rd
January and 778 dy the 24th
February 1905 from the Same Officer
forwarding ~~the~~ ~~expenditure~~ ~~up to date~~ incurred in
the following ~~of~~ the Northern Area
of the Doddaballapur ~~taluk~~ amounting to Rs 4,886
against the reduced provision
of Rs 10,000 in the revised
budget for the current official
year, and requesting early
sanction to the estimate ~~in order~~ so that
the entire budget provision
for the work may be ~~spent~~ utilized
before the close of the official
year

Cypher Memo No 9076-1 dy 31-3-05
Mech (192-M)-4

The estimate received herewith

~~Re~~

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation Sheet draft form)

The above is sanctioned for Rs 38,610/, and the proposal of the Chairman is approved

2 It is observed that if the water standing to the north of the proposed road can be drained off and the earth excavated to the east of the present bund and up to the channel, the lead for carting earth may be avoided, and the high rate of 4½a a cubic yard for carting earth provided in the estimate may be reduced considerably. The Chairman's attention is drawn to this point

28/3/1905

Secretary

25/3/05

To

The Chairman of the Board of Trustees for the Improvement of the city of Rangoon both the sanctioned estimate, and returning the bund received with the proof of the letter noted above

The Commissioner of the Port of Rangoon with the Abstract Estimate

The Chief Engineer of Rangoon for information

Rejected Rs 30/3
sanctioned Rs 30/3

7/5/3/1905